(19) World Intellectual Property Organization International Resens



Lingitele

English

60/173,419 (CIP) 28 December 1999 (28.12.1999)

(43) International Publication Date S July 2001 (05,07,2001)

P(")

(10) International Publication Number WO 01/47944 A2

(51) Interestional Patent Classification? CR781 21/84 21/07: C12Q 1/68, C07K 14/47, 16/18, O01K 33/53. A61K 4×/00, 39/393, 38/09 (21) International Application Number: PCTA/S09/356/8

Richard, A. (US/OS); 191 Lone Sweet. West Haven, C'I 00510 (US) LEACH, Martin [CBO15]: NN. School Street, Webster, MA 01570 (118)

- (22) International Filing Date: 28 December 2000 (22,12,208):
- (74) Agent: ELRIFT, Ivor. R., Mints, Levin, Cohn. Ports. Glovsky and Popes, PC, One Financial Center, Bounds. MA 02111 (199).
- OS: Filing Language:
- (81) Designated States (national): AR. AG. AL. AM. AL. AU. AZ, BA, 8B, BG, BR, BY, BZ, CA, CR, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, OB, GD, GE, GFI, GM, FR DU DO, B., IN IS, JP, KE, KG, KR, ER, EZ, LC, UK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, M2, NO. NZ, PL. PT. NO. RU, SD, SE, SG, SL, SK, SL, TJ, TM, TR. TE TZ, UA, DG, US, UZ, VM, YU ZA, ZW.
- (26) Publication Language:
- (84) Besignated States (regronal): ARIFO potent (GB, GM, KE, US, MW, MZ, SD, SL, SZ, TZ, UG, ZW\, Furnsison pesero (AM, AZ, BY, KQ, EZ, MD, RO, T3, FM). Incorporate parent CAT, RE, CH, CY, DE, DK, ES, FE, EP, CB, GR, TE, TT, LC, MC, I/L, P1, SE, TRJ, OAPI parem (BF, B), CF,

(CIP) to wartler applications:

(36) Printity Data: MW 73 310

US

Plant on

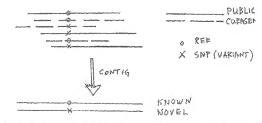
(72) Inventors; and

- CG, CL CM, GA, GN, GW, ML, MR, NE, SN, TO, TG: Published:
- Not finnished 27 December 2880 (27.12.7000) 2:3 (63) Beland by continuation (CDN) or continuation-in-part

28 Documber 1982 (28.12.1999) US

- Without international search report and to be regulabled. moon recount of that remote
- OS Not turnshed (CIP) filled on 27 December 2006 (27.12 (600))
- For new letter codes and other abbreviations, raise to the "Condance Notes on Colles and Abbreviations" agreening at the begin-(78) Inventors/Applicants (for US only): SHISIKETS, ning of each regular issue of the PUT Gazatte
- (71) Applicant (for all designated States exem US:: CVBA-GEN CORPORATION [LISAIN], 555 Long Wharf Drive, 11th Floor, Bosuford, CT 98511 (US),

(\$4) Take NUCLEIC ACIDS COMMINING SINGLE NECLECTED POLYMORPHEMS AND METHODS OF THE DESIGN



(87) Abstract: The invention provides nucleic acids continuing single notices de palyas-aphisms identified for trial critical human supposes as well as multiples of some the middle aclass.

WO 81/47944 PCT/0568/35498

```
v216: 18:
 4233 × 53
 <21.75 Della
 <213> Womo sapiens
 <221> allele
 <222> (26)...(0)
 <223: single madleotide polymorphism
 +221> misc_feature
 <232 > (0) ... (0)
 <223> Accession number 0943076975
 tgastatget aagggagtat ottagegotg apgesttraa aagtggtatt g
                                                                         5%
 <210> 185
 <21.1> 61
 <212 / DNA
 <213> Romo sapiens
 <220.5
 <021> silele
 4222 > (25) . . (0)
 <223> single nucleotide polymorphism
 4221> miso_feature
 -222× (0) ... (0)
 <223> Accession number og43051796
 aggigascat ogcamatego stocogoago cotogitgoo gengeacoca e
                                                                         5.1.
 <210> 186
 G111> B1
 <212> DNA
 <212> Mosso sapiena
 42208
 <221> allele
 <222 > (28) ... (6)
 <223> ample aucleoride polymorphism
 <221> wiso feature
 <322x (0) ...(6)
 <223> Accession number 0943387397
 taggootota cotoutatus attaguatti aggagosaga tagcastosa q
                                                                         51
 <210> 187
 <2115 51
 1232× DNA
 <213> Nomo spoiena
4220>
<221: allele
 <2225 (25)...(6)
 <223> single bucleotide polymorphism
 CZZls miso featurs
 clima (6) ... (6)
```